Form PTO-1449					Docket Number 21354200	Application Number 09/991,548			
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NAP	1.	01/31/1995	5,385,888	Goodenow et al.				· /	
NU	2.	06/17/1997	5,639,458	Olsson et al.					
MC	3.	12/08/1998	5,846,827	Celis et al.					
NewO	4.	12/29/1998	5,853,999	Olsson et al.					
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			OTHE	R DO	OCUMENTS	(includi	ng author, title, Da	te, Pertinent	Pages, Etc.)
Examiner Initials	Ref. No.	Title						. 	
MO	15.	Ebina et al. (1985). "The human insulin receptor cDNA: the structural basis for hormone-activated transmembrane signalling," Cell 40:747-758.							
NAD	16.	EMBL accession number M38027, published by Fukunaga et al. (1990), visited on June 6, 2002. 17/							
140	17.	EMBL accession number M59820, published by Fukunaga et al. (1990), visited on June 6, 2002.							
W	18.	EMBL accession number X55720, published by Larsen et al. (1990), visited on June 6, 2002. 1991							
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PTO/SB/ 08 (2-92) pa-695632

Application Number 09/9 Docket Number 213542000101 Form PTO-1449 INFORMATION DISCLOSURE CITATION Applicant Lennart OLSSON and Tatjana NARANDA IN AN APPLICATION Group Art Unit 1644 Filing Date November 20, 2001 (Use several sheets if necessary) Mailing Date July 31, 2002 EMBL accession number X55721, published by Larsen et al. (1990), visited on June 6, 2002. Fukumoto et al. (1989). "Cloning and characterization of the major insulin-responsive glucose 20. transporter expressed in human skeletal muscle and other insulin-responsive tissues," J. Biol. Chem. 264(14):7776-7779. GenBank Accession No. D28561, published by Kasahara et al. (1997), visited on June 10, 2002. GenBank Accession No. M20747, published by Fukumoto et al. (1989), visited on June 10, 2002. GenBank Accession No. A18657, published by by WO 91/17253. GenBank Accession No. U43168, pubished by Tartaglia et al. (1995), visited on June 10, 2002. 24. GenBank Accession No. U32324, published by Van Leuvan (1996), visited on June 10, 2002. 25. GenBank Accession No. U31993, published by Yao et al. (1995), visited on June 10, 2002. 26. Gribskov and Burgess (1986). "Sigma factors from E. Coli, B. subtilis, phage SP01, and phage T4 are 27. homologous proteins," Nucl. Acids Res. 14(16):6745-6763. Haft et al. (1994). "Involvement of dileucine motifs in the internalization and degradation of the 28. insulin receptor," J. Biol. Chem. 269(42):26286-26294. Harner (1997). "Dual role of a dileucine motif in insulin receptor endocytosis," J. Biol. Chem. 29. 272(35):21685-21691. Hansen et al. (1989). "Inhibition of insulin receptor phosphorylation by peptides derived from major 30. histocompatibility complex class I antigens." PNAS USA 86:3123-3126. Korpi and Seeburg (1993). "Natural mutation of GABAA receptor alpha6 subunit alters 31. benzodiazepine affinity but not allosteric GABA effects," Eur. J. Pharm. 247:23-17. Larsen et al. (1990). "Expression cloning of human granulocyte colony-stimulating factor receptor: A 32. structural mosaic of hematopoietin receptor, immunoglobulin, and fibronectin domains," J. Exp. Med. 172:1559-1570. Leonard et al. (1984). "Molecular cloning and expression of cDNAs for the human interleukin-2 33. receptor," Nature 311:626-631. Levy-Toledano et al. (1993). "Deletion of C-terminal 113 amino acids impairs processing and 34. internalization of human insulin receptor: comparison of receptors expressed in CHO and NIH-3T3 cells," Biochem. Biophys. Acta. 1220:1-14. Li et al. (1994). "An irregularity in the transmembrane domain helix correlates with the rate of insulin 35. M receptor internalization," 33(47):14333-14338. Naranda et al. (1997). "A peptide derived from an extracellular domain selectively inhibits receptor 36. internalization: target sequences on insulin and insulin-like growth factor 1 receptors," PNAS USA 11692-11697. Naranda et al. (1999). "Activation of erythropoietin receptor in the absence of horomone by a peptide 37. that binds to a domain different from the hormone binding site," PNAS USA 96:7569-7974. DATE CONSIDERED EXAMINER: EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in

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Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 213542000101

Application Number 09/991,548

Applicant

Lennart OLSSON and Tatjana NARANDA

Filing Date November 20, 2001

Group Art Unit 1644

Mailing Date July 31, 2002

ami D	38.	Ngo et al. "The protein folding problem and tertiary structure prediction," Merz & LeGrand, Birkhauser Boston pp. 491-495.						
K	39.	Olsson et al. (1994). "Regulation of receptor internalization by the major histocompatibility complex class I molecule," PNAS USA 91:9086-9090.						
M	¥0. \$\	Piper et al. (1992). "The efficient intracellular sequestration of the insulin-regulatable glucose transported (GLUT-4) is conferred by the NH2 terminus," J. Cell Biol. 117(4):729-743.						
AUG 9 5 2002	1	Rajagopalan et al. (1995). "Chimeric receptors expressing juxtamembrane sequences of the insulin receptor undergo rapid endocytosis in the absence of receptor tyrosine kinase activity," <i>Biochem. Biophys. Res. Commun.</i> 211(3):714-718.						
MADE MARY	42.	Rudinger (1976). "Charateristics of the amino acids as components of a peptide hormone sequence," In Peptide Hormones J. Parsons ed. University Park Press: Baltimore, MD pp. 1-7.						
an	43.	Salgaller et al. (1994). "Generation of specific anti-melanoma reactivity by stimulation of human tumor-infiltrating lymphocytes with MAGE-1 synthetic peptide," Canc. Immunol. Immunother. 39:105-116.						
W	44.	Silver et al. (1992). "Atomic structure of a human MHC insulin molecule presenting an influenza virus peptide," <i>Nature</i> 360:367-369.						
M	45.	Stagsted et al. (1990). "Regulation of inuslin receptor functions by a peptide derived from a major histocompatibility complex class I antigen," Cell 62-297-307						
pop	46.	Stagsted et al. (1991). "A preformed, ordered structure of a 25-residue peptide derived from a major histocompatibility complex class I antigen is required to affect insulin receptor function," J. Biol. Chem. 266(20):12844-12847.						
MP	47.	Stagsted et al. (1993). "Correlation between insulin receptor occupancy and tyrosine kinase activity at low insulin concentrations and effect of major histocompatibility complex class I-derived peptide," J. Pharm. Exper. Therap. 267(2):997-1001.						
NUN	48.	Stagsted et al. (1993). "Inhibition of internalization of glucose transporters and IGF_II receptors," J. Biol. Chem. 268(30):22809-22813.						
MAP	49.	Staubs et al. (1994). "Localization of the insulin receptor binding sites for the SH2 domain proteins p85, Syp, and GAP," J. Biol. Chem. 269(44):27186-27192.						
MD	50.	Strader et al. (1989). "Structural basis of beta-adrenergic receptor function," FASEB J. 3:1825-1832.						
mg)	51.	Swissprot accession number P00533, publised by Ullrich et al. (1984), visited on 6/6/2002.						
(m	52.	Swissprot accession number P08887, published by Yamasaki et al. (1998), visited on 6/6/2002.						
MO	53.	Swissprot accession number P19235, published by Ehrenman (1991), visited on 6/6/2002.						
MD	54.	Swissprot accession number P24024, published by Tong et al. (1990), visited on 6/6/2002.						
M	55.	Swissprot accession number P25025, published by Murphy et al. (1991), visited on 6/6/2002.						
nic	56.	Swissprot accession number P40238, published by Vigon et al. (1992), visited on 6/6/2002.						
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Docket Number 213542000101 Application Number 0 Form PTO-1449 Applicant INFORMATION DISCLOSURE CITATION Lennart OLSSON and Tatjana NARANDA IN AN APPLICATION Group Art Unit 164 (Use several sheets if necessary) Filing Date November 20, 2001 Mailing Date July 31, 2002 Swissprot accession number P42701, published by Chua et al. (1994), visited on 6/6/2002. 57. 58. Tartaglia et al. (1995). "Identification and expression cloning of leptin receptor, OB-R," Cell 83:1263-1271. Ullrich et al. (1984). "Human epidermal growth factor receptor cDNA sequence and aberrant 59. expression of the amplified gene A431 epidermoid carcinoma cells," Nature 309:418-425. Verhey et al. (1995). "Distinct signals in the GLUT4 glucose transporter for internalization and for targeting to an insulin-responsive compartment," J. Cell Biol. 130(5):1071-1079. Verland et al. (1989). "Specific molecular interaction between the insulin receptor and a D product of MHC class 1," J. Immun. 143(3):945-951.

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